SEVEN SPECTROSCOPIC BINARIES.

	Mag.	Spec.	R.A. 1910	Dec. 1910	Range in Velocity, km
Lalande 2682	7.8	K1	$1^h\ 24^m.1$	$+21°\ 16'$	-17 to $+47$
Boss 1082	5.3	G4	4 32 .8	$+52$ 54	0 to -66
A. G. C. 3881	8.0	A2p	9 24 .6	$+33$ 42	Composite
Boss 2951	6.4	A1	11 2 .8	$+23$ 49	-13 to $+32$
Boss 3108	5.8	K5	11 46 .4	-4 50	-2 to $+26$
Boss 3284	6.7	A3p	12 30 .6	$+18$ 52	Composite
Boss 5173	5.5	Aop	20 6 .8	$+26$ 38	Composite

NOTES.

A. G. C. 3881.—Two plates show double lines. A photograph taken on January 5th gives for the velocities of the two components -41 and $+81^{km}$. Boss 3284. The third spectrogram showed the presence of two spectra. The velocities given by this plate are -70 and $+57^{km}$. Boss 5173.—The hydrogen lines in this star show great variations in width and intensity, due probably to the presence of two spectra. A relative displacement of about 150^{km} between the components is indicated by the first plate.

All of the photographs were taken with low dispersion.

WALTER S. ADAMS.

THREE STARS WITH GREAT RADIAL VELOCITIES.

The following stars have been found to have exceptionally high radial velocities:—

	Mag.	Spec.	R.A. 1910	Dec. 1910	μ	v	No. Plates
W. B. 3^h 617	7.2	F5	$3^h\ 35^m.8$	$-3°\ 31'$	$0''.78$	$+114^{km}$	3
W. B. 17^h 514	8.6	F1	17 30 .4	$+6$ 4	0 .58	-148	4
O. Arg. 20,452	8.1	Gop	20 18 .3	-21 38	1 .21	-179	4

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THE SPECTRUM OF T TAURI.

A recent photograph of the spectrum of the well-known irregular variable T *Tauri* shows some interesting peculiarities. The spectrum is compound and consists of a considerable number of well-defined bright lines superposed on a dark line spectrum of about type F5. The fact that bright lines cover $H\beta$, $H\gamma$, and H and K makes it difficult to classify the absorption spectrum closely. Measures of the photograph give the